

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions,  
and listings of claims in the application:

LISTING OF CLAIMS:

1-10. (cancelled)

11. (currently amended) A tonometric device (20) for  
examination of respiratory insufficiency and regional tissue  
perfusion failure in patients comprising:

a distal end (22) for introducing into the  
gastrointestinal tract of the body of a patient,

a section (24) introduced into the body, and

a section (3) for fixing the position of the device to  
the patient,

wherein the section to be introduced (24) comprises:

a first tube (1) to which an additional tubing (4) is  
connected,

a second tube (2) arranged substantially parallel with  
and fixed to the first tube (1), wherein the distal end (22) of  
the second tube (2) is in direct communicating connection  
with the first tube (1) and an entire length of each of the first  
tube (1) and the second tube (2) are made of a material readily  
permeable for gases and substantially impermeable for body fluids  
and other substances, and an additional tubing (5) is connected

to the second tube (2), wherein the outer diameter of the first tube (1) ranges from 2 to 4 mm and its wall thickness from 0.5 to 1.0 mm, and the outer diameter of the second tube (2) ranges from 1.0 to 1.5 mm and its wall thickness from 0.3 to 0.5 mm.

12-13. (cancelled)

14. (previously presented) A device as claimed in claim 11, wherein the connecting means (6, 7) are constructed for connecting them to the connecting stub of a medical syringe.

15-16. (cancelled)

17. (previously presented) A device as claimed in claim 11, wherein the second tube (2) is formed as a second passage (2') in the wall surrounding the passage (1') of the first tube (1).

18. (cancelled)

19. (previously presented) The device according to claim 11, wherein the first tube (1) and the second tube (2) are made of silicone rubber.

20. (previously presented) The device according to claim 11, wherein a gas of the gases is carbon dioxide.